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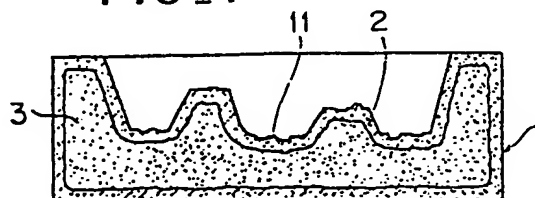
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54 Permeable mold.

57 A durable and permeable mold for liquid, slurry, soft, sheet or lump materials is made up of a composite sintered body (1) comprising aggregates of ferrous or non-ferrous metallic grains and ceramic grains, to which a binder contained in evaporating or consumable substance is added. The body (1) has a close hardened surface region or layer (2) in which metallic oxides are scattered. The hardened layer (2) has fine air vents (22) in its thickness. The whole body (1) of the mold has a porosity of 5 to 60% and compression strength of more than 100 kg/cm².

FIG_1





| DOCUMENTS CONSIDERED TO BE RELEVANT | | | Page 2 |
|--|---|---|--|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int. Cl. 3) |
| A | US-A-4 425 411 (M. TEXTOR et al.) * Abstract * ----- | 1 | |
| | | | TECHNICAL FIELDS SEARCHED (Int. Cl. 3) |
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| The present search report has been drawn up for all claims | | | |
| Place of search THE HAGUE | | Date of completion of the search 11-02-1987 | Examiner DOUGLAS K.P.R. |
| CATEGORY OF CITED DOCUMENTS | | | |
| X particularly relevant if taken alone | | T : theory or principle underlying the invention | |
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| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int. Cl. *) |
| X | BE-A- 628 328 (DEVENTER-WERKE GmbH) * Page 2, lines 29-34; claims 2,4,6,8; page 5, line 2 * | 1,5-6 | B 22 C 9/06 B 29 C 1/00 B 28 B 1/26 |
| Y | --- | 3-4,9-12,14 | |
| | * claims 2,4,6,8 * | | |
| Y | CH-A- 617 914 (POUDRE S.A.) * Page 2, column 2, lines 50-53; claim 1; page 3, column 2, lines 19-24 * | 3-4 | |
| Y | US-A-4 125 351 (F. ALFTER et al.) * Claim 1 * | 12 | |
| Y | FR-A-2 457 753 (INVENTA AG) * Page 1, lines 8-13; claim 1 * | 9 | B 22 C B 28 B B 29 C C 03 B |
| Y | US-A-2 841 823 (C.H. VAN HARTESVELDT) * Column 1, lines 40-60 * | 10-11 | |
| Y | US-A-4 307 867 (R.F. SHANNON) * Claim 1 * | 14 | |
| | --- -/- | | |
| The present search report has been drawn up for all claims | | | |
| Place of search THE HAGUE | | Date of completion of the search 11-02-1987 | Examiner DOUGLAS K.P.R. |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p> | | | |